# PLSQL\_Exercises

## Exercise 1: Control Structures

Write a PL/SQL program to:  
- Accept a number from the user.  
- Check if the number is positive, negative, or zero.  
- Display an appropriate message using IF-ELSIF-ELSE control structure.

DECLARE  
 num NUMBER;  
BEGIN  
 num := &num; -- Accept input from user  
  
 IF num > 0 THEN  
 DBMS\_OUTPUT.PUT\_LINE('The number is positive.');  
 ELSIF num < 0 THEN  
 DBMS\_OUTPUT.PUT\_LINE('The number is negative.');  
 ELSE  
 DBMS\_OUTPUT.PUT\_LINE('The number is zero.');  
 END IF;  
END;  
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## Exercise 3: Stored Procedures

Create a stored procedure named get\_employee\_salary that:  
- Accepts an employee ID as input.  
- Returns the salary of the employee.  
- Uses the employees table with columns: employee\_id and salary.

CREATE OR REPLACE PROCEDURE get\_employee\_salary (  
 p\_emp\_id IN employees.employee\_id%TYPE,  
 p\_salary OUT employees.salary%TYPE  
)  
IS  
BEGIN  
 SELECT salary INTO p\_salary  
 FROM employees  
 WHERE employee\_id = p\_emp\_id;  
EXCEPTION  
 WHEN NO\_DATA\_FOUND THEN  
 DBMS\_OUTPUT.PUT\_LINE('No employee found with the given ID.');  
 WHEN OTHERS THEN  
 DBMS\_OUTPUT.PUT\_LINE('Error: ' || SQLERRM);  
END;  
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